

Title (en)  
OVERLAPPING PUCCH AND PUSCH TRANSMISSION

Title (de)  
ÜBERLAPPENDE PUCCH- UND PUSCH-ÜBERTRAGUNG

Title (fr)  
TRANSMISSION PUSCH ET PUCCH SE CHEVAUCHANT

Publication  
**EP 4104593 A1 20221221 (EN)**

Application  
**EP 21710771 A 20210212**

Priority  

- US 202062977026 P 20200214
- US 202117174198 A 20210211
- US 2021017994 W 20210212

Abstract (en)  
[origin: US2021258993A1] Aspects of this disclosure provide methods, devices and systems for concurrently transmitting control information and data information. In some more specific aspects, a base station may transmit one or more parameters to a user equipment (UE) that indicate to the UE to refrain from transmitting uplink control information together with uplink data information in an uplink data channel. Instead, the one or more parameters may configure the UE to transmit the uplink control information and the uplink data information using overlapping resources in different channels. In some more specific aspects, the UE may transmit the uplink control information in a slot of an uplink control channel and transmit the uplink data information in a slot of the uplink data channel that at least partially overlaps with the slot of the uplink control channel.

IPC 8 full level  
**H04W 72/04** (2009.01); **H04L 5/00** (2006.01)

CPC (source: EP US)  
**H04L 5/0053** (2013.01 - EP); **H04W 72/0446** (2013.01 - US); **H04W 72/1268** (2013.01 - EP US); **H04W 72/21** (2023.01 - US); **H04W 76/27** (2018.02 - US); **H04L 5/0048** (2013.01 - EP); **H04L 5/005** (2013.01 - EP); **H04L 5/0051** (2013.01 - EP); **H04W 72/20** (2023.01 - EP)

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Designated extension state (EPC)  
BA ME

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DOCDB simple family (publication)  
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**US 202117174198 A 20210211**; CN 202180013495 A 20210212; EP 21710771 A 20210212; US 2021017994 W 20210212